

83957 to 84251.

From southwestern China. Seeds collected by Dr. J. F. Rock, National Geographic Society, Washington, D. C. Received January 10, 1930.

83957. ABIES sp. Pinaceae. Fir.

No. 18487. November, 1929. The following material was collected in southwestern Szechwan Province, west of the Yalung, in Muli territory, on Mount Siga, northwest of Kulu Monastery. Tree 50 to 80 feet high, bark pale brown, leaves long, pale green, white beneath; cones very long, 6 inches or more. Scales smooth with tips dull brownish blue. This species occurs at lower elevations, 9,500 to 10,500 feet, in company with pines (*Pinus sinensis yunnanensis*) on the drier slopes. The wood is said to be valuable.

83958 to 83961. ACER spp. Aceraceae. Maple.**83958. ACER sp.**

No. 18230. Forests of Karadi, altitude 11,500 feet. Tree 25 to 30 feet high.

83959. ACER sp.

No. 18417. Western slope of Mount Sitsa, Salwin Valley, at 12,500 feet altitude. Tree 35 to 40 feet; leaves deeply three lobed.

83960. ACER sp.

No. 18419. Western slope of Mount Sitsa, Salwin Valley. Tree 25 feet high; leaves oblong, slightly lobed at base; fruits small in short racemes.

83961. ACER sp.

No. 18425. Western slope of Mount Sitsa, Salwin Valley. Tree 30 to 40 feet; leaves large, pubescent beneath; fruit in long racemes. Found in forests at 12,500 feet altitude.

83962 to 83965. ACONITUM spp. Ranunculaceae. Monkshood.**83962. ACONITUM sp.**

No. 18121. A species with purple flowers, collected at an altitude of 13,500 feet in alpine meadows.

83963. ACONITUM sp.

No. 18276. A beautiful climber with blue flowers, found growing at 14,000 feet altitude on Mount Giboh, south of Muli.

83964. ACONITUM sp.

A plant 4 to 5 feet tall, with blue flowers and deeply lobed leaves. Found on the Likiang Snow Range at 11,000 feet altitude.

83965. ACONITUM sp.

A plant several feet tall, with very large leaves and purplish blue flowers. Found in alpine meadows in the Likiang Snow Range at 11,500 feet altitude.

83966. ANDROSACE sp. Primulaceae.

No. 18166. A plant with pink flowers, found in alpine meadows at 13,500 feet altitude in the Kulu Mountains, west of Yalung. Collected in September and October, 1929.

83967. ANEMONE sp. Ranunculaceae.**83957 to 84251—Continued.**

No. 18248. An anemone with a small red flower, found in alpine meadows at 14,500 feet altitude on Mount Mitzuga, September and October, 1929.

83968. ASTER sp. Asteraceae.

No. 18218. An aster with large purplish blue flowers, found in alpine meadows at 12,500 feet altitude in the mountains of Kulu in eastern Muli territory, but west of Yalung and north of the Litang River. Collected in September and October, 1929.

83969. BENZOIN sp. Lauraceae. Spicebush.

No. 18259. Mount Mitzuga, Muli, October, 1929. A tree 20 feet high, with fragrant yellow flowers, found in forests.

83970. CEPHALOTAXUS sp. Taxaceae. Plum-yew.

No. 18478. September and October, 1929. Forests of Lutien, below Litiginy, west of Yaungtze, at an altitude of 10,500 feet. A tree 80 to 100 feet high, with bluish green, plumlike fruits.

83971. COLUTEA sp. Fabaceae. Bladder-senna.

No. 18126. September and October, 1929. Southwestern Szechwan Province, west of the Yalung, in Muli territory on Mount Siga, northwest of Kulu Monastery. A species with yellow flowers, found in alpine meadows at 14,500 feet altitude.

83972. PIPTANTHUS sp. Fabaceae.

No. 18266. September and October, 1929. Mount Mitzuga, western slopes back of Muli Monastery. A shrub with yellow flowers, found in alpine meadows at 13,000 feet altitude.

83973 to 83976. COTONEASTER spp. Malaceae.**83973. COTONEASTER sp.**

No. 18154. September and October, 1929. Mount Siga western slopes, back of Muli Monastery. A prostrate shrub with red flowers, found in alpine meadows at 13,500 feet altitude.

83974. COTONEASTER sp.

No. 18250. September and October, 1929. Slopes of Mount Mitzuga, Muli territory. A shrub 5 to 6 feet high; found in alpine meadows at 13,000 feet altitude.

83975. COTONEASTER sp.

No. 18279.

83976. COTONEASTER sp.

Likiang Snow Range, 10,000 to 12,000 feet altitude. A shrub 6 to 10 feet high, with white flowers and red fruits.

83977. DEBREGEASIA sp. Urticaceae.

No. 18261. October, 1929. Muli Monastery, 9,600 feet altitude. An urticaceous shrub, 5 to 10 feet high, found along streams. The fruits are orange colored.

83978. DELPHINIUM LIKIANGENSE Franch. Ranunculaceae. Larkspur.

Likiang Snow Range, 13,000 feet altitude, November, 1929. One of the finest larkspurs; the dark-green glossy leaves are in cushionlike rosettes; the large,